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PTO/SB/21 (08-03)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/783,702	
	Filing Date	2/19/2004	
	First Named Inventor	Joseph J. Brychell, III	
	Group Art Unit	2171	
	Examiner Name		
Total Number of Pages in This Submission	4	Attorney Docket Number	MS1-1612US

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## ENCLOSURES (check all that apply)

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| <input checked="" type="checkbox"/> Information Disclosure Statement                              | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fee Transmittal; Information Disclosure Statement; PTO-1449 form |
| <input type="checkbox"/> Certified Copy of Priority Documents                                     | <input type="checkbox"/> Request for Refund   |  |
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| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53                      | Remarks   |  |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Michael K. Colby/Reg. No. 45,816
Signature	<i>Michael K. Colby</i>
Date	February 23, 2005

## CERTIFICATE OF TRANSMISSION/MAILING

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Date	

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PTO/SB/17 (12-04)

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b> Application Number 10/783,702 Filing Date 2/19/2004 First Named Inventor Joseph J Brychell, III Examiner Name Art Unit 2171 Attorney Docket No. MS1-1612US	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 0.00			

**METHOD OF PAYMENT** (check all that apply)

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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims** - 20 or HP = \_\_\_\_\_ x  $\frac{50}{HP}$  = \_\_\_\_\_  
 HP = highest number of total claims paid for, if greater than 20

**Indep. Claims** - 3 or HP = \_\_\_\_\_ x  $\frac{200}{HP}$  = \_\_\_\_\_  
 HP = highest number of independent claims paid for, if greater than 3

**Multiple Dependent Claims**  
 Fee (\$): \_\_\_\_\_ Fee Paid (\$): \_\_\_\_\_

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	_____

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**4. OTHER FEE(S)**

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	0.00
Other: Information Disclosure Statement	

<b>SUBMITTED BY</b>			
Signature	<i>Michael K. Colby</i>	Registration No. 45,816	Telephone (509) 324-9256
Name (Print/Type)	Michael K Colby		Date 2/23/05

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. ....10/783,702  
Filing Date ..... 2/19/2004  
Confirmation No. .... 5595  
Inventorship ..... Joseph J. Brychell, III  
Applicant ..... Microsoft Corporation  
Group Art Unit ..... 2171  
Examiner .....  
Attorney's Docket No. .... MS1-1612US  
Title: Managing XML Documents Containing Hierarchical Database Information

**INFORMATION DISCLOSURE STATEMENT***References -- See Attached Form PTO-1449***REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: 2/23/05By: Michael K. Colby  
Michael K. Colby  
Reg. No. 45,816

PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete If Known**

Application Number	10/783,702
Filing Date	2/19/2004
First Named Inventor	Joseph J. Brycheff, III
Art Unit	2171
Examiner Name	
Attorney Docket Number	MS1-1612US

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US- 6,366,006	B1	03-12-2002	Lippert et al	
		US- 6,480,860	B1	11-12-2002	Monday	
		US- 6,631,379	B2	10-07-2003	Cox	
		US- 6,631,519	B1	10-07-2003	Nicholson et al	
		US- 6,636,089	B1	10-21-2003	Burkett et al	
		US- 6,638,645	B2	10-21-2003	Chau et al	
		US- 6,643,633	B2	11-04-2003	Chau et al	
		US- 2001/0037345	A1	11-01-2001	Kleman et al	
		US- 2002/0040469	A1	04-04-2002	Pramberger	
		US- 2002/0100027	A1	07-25-2002	Binding et al	
		US- 2002/0112224	A1	08-15-2002	Cox	
		US- 2002/0133484	A1	08-19-2002	Chau et al	
		US- 2002/0156772	A1	10-24-2002	Chau et al	
		US- 2002/0158929	A1	10-24-2002	Hekmatpour	
		US- 2002/0184219	A1	12-05-2002	Preisig et al	
		US- 2002/0188891	A1	12-26-2002	Li et al	
		US- 2003/0014397	A1	01-16-2003	Chau et al	
		US- 2003/0056198	A1	03-20-2003	Al-Azzawe et al	
		US- 2003/0081388	A1	03-27-2003	Brown et al	
		US- 2003/0182268	A1	08-25-2003	Lal	
		US- 2003/0187930	A1	10-02-2003	Ghafter et al	
		US- 2003/0204511	A1	10-30-2003	Brundage et al	
		US- 2003/0205815	A1	11-06-2003	Marappan	
		US- 2003/0225788	A1	12-04-2003	Chaudhuri et al	
		US- 2004/0002939	A1	01-01-2004	Arora et al	
		US- 2003/0043988	A1	03-06-2003	Creamer et al	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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